



COMMERCIAL
ROOFTOP
PRODUCTS

**MODELS 559F Air Conditioner
& 579F Gas/Electric**



Big Comfort in a Smaller Package.

You Can Count on Bryant for C

Since 1904, America has put its trust in Bryant for top quality indoor comfort products. This reputation comes from the collective dedication and expertise of our entire team from product development, to the assembly line and out into the field with our independent Bryant dealers. So, whether you need air conditioning only, or a packaged gas/electric system, Bryant has the answer with the Model 559F air conditioner and the Model 579F gas/electric comfort system.

No matter which of these models is right for your application, you can count on enhanced performance and efficiency over an older system you may be replacing. Available in 15 - 25 ton (180 - 300) capacities, with numerous field and factory-installed options and three gas heat capacities, Bryant's packaged rooftop systems come fully assembled, charged and tested to deliver the comfort you expect from the most trusted manufacturer in the industry.

WARRANTY

Bryant's Model 559F and Model 579F packaged systems provide reliable comfort backed by written warranty protection. The compressor used by models 559F180 and 579F180 and the Model 579F heat exchanger, are covered by a five-year limited warranty. All models are covered by a one-year limited warranty on the entire unit. Extended warranties are also available. Ask your trusted Bryant dealer for details.



Heating & Cooling Systems
Since 1904

Smaller Cabinet Size with Lasting Toughness and Durability.

The smaller, more compact design makes installation easier without sacrificing the lasting durability you expect from Bryant. For the strength and stability needed to withstand the strain of rooftop placement by crane, these packaged systems are built with a commercial-grade, roll-formed baserail.

Electric Cooling.

Cooling efficiency for both the Model 559F and the Model 579F is maximized through dual circuits and computer-assisted balancing of the compressors, condenser and evaporator coils. To ensure lasting reliability, the dual scroll compressors are equipped with over-current and over-temperature protection. And, the dual TXV metering devices provide precision refrigerant control to optimize performance while preventing slugging and flood-

back. And, you can choose greater cooling comfort through improved humidity control with the addition of a Bryant Thermidstat Control accessory and the factory-installed Perfect Humidity Dehumidification Package.

Gas Heating.

If your building requires gas heating in addition to cooling, the Model 579F is the right choice for you. One of the keys to the efficiency and lasting operation of this model is our Turbo-Tubular™ heat exchanger. This heat exchanger saves gas by maximizing heat transfer and resists corrosion for years with our Alumagard™ coating. For simple troubleshooting, fault notification and system status, our integrated gas control board is equipped with an LED display.



ITEM	FACTORY & DEC* INSTALLED OPTIONS	FIELD INSTALLED ACCESSORY
Integrated Gear-Driven Economizer w/Hood	x	x
25% Manual Outdoor-Air Damper	x	
* Alternate High Static Drive	x	
* Disconnect Switch	x	
* Convenience Outlet	x	
* Hinged Access Panels	x	
* Corrosion Resistant Coils	x	
* Perfect Humidity Package	x	
* Stainless Steel Heat Exchanger	x	
* Smoke Detectors	x	
UV-C Germicidal Lamps	x	
25% Two-Position Damper		x
Barometric Relief Damper		x
Power Exhaust		x
Low Ambient Kits		x
TimeGuard® II Control Circuit		x
Enthalpy Controls		x
Electronic Programmable Thermostat		x
Light Commercial Thermidstat		x
CO2 Sensor		x
Roof Curb		x
Horizontal Supply/Return Adapter		x

*DEC - Design Enhancement Center Options. Ask your dealer for details.

omfort, Reliability and Economy.

Designed, Built and Assembled with Top-Quality Components.

1 EXCEPTIONAL ECONOMY & RELIABILITY

are provided by our premium quality compressors. To ensure compressor reliability, we include high-pressure, low pressure and freeze protection switches, as well as over-temperature protection.

2 STRONGER AIRFLOW

provided by our optional high static blowers helps to overcome comfort issues associated with poor ductwork or restricted airflow.

3 IMPROVED INDOOR AIR QUALITY

is ensured by Bryant's two-inch return air filters for cleaner airflow and efficient performance.

4 INCREASED STRENGTH

for rooftop placement by crane is the result of our roll-formed baserail design. Forklift slots and rigging holes make these units easier to maneuver for shipping.

5 OPTIONAL PERFECT HUMIDITY

enhanced dehumidification coil wrings additional moisture out of the air without over-cooling it.

6 EFFICIENT HEATING

is the result of Bryant's Turbo-Tubular™ heat exchanger. This heat exchanger and induced draft (negative pressure) combustion system allows hot gases to make multiple passes across the supply air, thus optimizing heat transfer.

Designed for Easier Installation and Enhanced Flexibility.

Designed for installation with standard roof curb sizes, the Model 559F and Model 579F packaged systems allow the contractor to order and install the roof curb before size requirements are finalized. The roll-formed baserail design features forklift slots and rigging holes for easy maneuvering during transport while providing strength and stability for rooftop placement by crane. Shipped in the vertical discharge airflow configuration, these units can be field-converted quickly and easily for horizontal applications using the supply/return adapter assembly.



Model 579F

Put your Comfort in the Hands of Trusted Experts.

Bryant has been keeping businesses and homeowners comfortable since 1904. We're proud of this American tradition of leadership in the heating and cooling industry and are determined to continue in that role for years to come. We are doing so by continuously improving our designs and developing new products to meet the changing needs of our customers. Combining proven comfort technology with economical operation and new-product warranty protection, the Model 559F and 579F can be the key to affordable comfort for years to come.

One of the reasons we have remained successful during the past century is our nationwide network of independent Bryant dealers. Your local dealer can design, install and maintain your system for peak performance, money-saving efficiency and quiet, indoor comfort throughout every season. Ask your Bryant dealer to help you create a system that offers dependable, worry-free comfort year after year.



Bryant's Commercial Thermidistat™ Control provides temperature and humidity control



A Member of the United Technologies Corporation Family.
Stock Symbol UTX.

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7310 West Morris Street, Indianapolis, IN 46231
Visit our website at www.bryant.com

Before purchasing this appliance, please read the important energy cost and efficiency information available from your dealer.
Manufacturer reserves the right to discontinue, or change, at any time, specifications or designs without notice and without incurring obligations.



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